

SPECIFICATIONS

Lake County is seeking quotes for the purchase of one (1) complete 64,000 lb. GVWR, 4x6 tandem axle 14-yard dump truck for the Lake County Road Operations Division of Public Works.

These are minimum specifications. The minimum requirements for the vehicle are listed below. For each item, the vendor shall mark "yes" or "no" to indicate if the proposed vehicle meets the requirement, then print these specifications and submit with the quote. All exceptions or deviations must be explained on a separate sheet included with the quote. The quote shall also include specification sheets of the proposed vehicle to allow the County to determine equivalency. All exceptions shall be of equal or greater precision equipment. Equivalency shall be at the County's sole discretion.

The vehicle shall be manufactured so as to be in strict conformance to all standards applied by any Federal or State regulations. Lights, brakes and all other devices, shall be in accordance with industry standards and established safety requirements as well as those safety and highway standards required by Local, State and Federal regulations, specifically including those of the US Department of Transportation.

Minimum Requirements:

1. General (Weight, Dimensions, Cab, Capacities)
 - a. Conventional Cab with set back axle.
 - b. 64,000 lb. GVWR 187" Wheelbase
 - c. Single Front Axle – 18,000 lb.
 - d. Tapered Leaf Front Suspension
 - e. Front Tires shall be 385 Floats
 - f. Rear Tires shall be 11R 22.5 Goodyear G124 or Approved equivalent
 - g. Tandem Rear Axle – 46,000 lb.
 - h. Wheels shall be steel 10 hole, hub piloted
 - i. Power Divider with warning light & buzzer
 - j. C – Channel inner frame reinforcement
 - k. Paint – White cab with black dump body
 - l. Interior shall be a neutral color with vinyl seats and heavy duty rubber flooring
 - m. Factory installed Radio, Heat and Air Conditioning, and 12 volt power supply in cab.
 - n. Divers side Air Ride Seat
 - o. Air Dryer shall be Bendix AD9 Heated (or approved equivalent)
 - p. Steering wheel shall be 18" diameter minimum

The proposed vehicle fully meets the above requirements: Yes _____ No _____

2. Engine / Powertrain
 - a. Cummins Turbo Diesel Engine Current model year EPA compliant
 - b. Horsepower (gross): 400HP 6 cylinder Diesel, 11L minimum
 - c. Torque: Minimum 1000 lb./ft.
 - d. Fuller 10 speed Manual with a low/low gear and overdrive
 - e. Fuel Capacity: 70 Gallons Minimum
 - f. Air Restriction Monitor, intake mounted

The proposed vehicle fully meets the above requirements: Yes _____ No _____

3. Dump Body
 - a. Godwin (or approved equivalent) 12 yard Dump Truck with provisions for side boards
 - b. Hydraulic hoist 45 degree dump angle
 - c. Top Hinged tailgate

- d. Pneumatic lift tailgate controlled from cab
- e. Underside of body undercoated
- f. Body to be painted black
- g. Electric tarp system with Asphalt tarp controlled from cab
- h. Air latch tailgate controlled from cab
- i. 8" tailgate apron to accommodate use a paver

The proposed vehicle fully meets the above requirements: Yes _____ No _____

4. Body and Chassis Accessories

- a. Removable Pintle Hitch 30,000 lb.
- b. Hitch shall be mounted 27" from ground to center of hitch
- c. Two safety chain D rings
- d. Back up alarm
- e. Mud Flaps
- f. One 5 lb. fire extinguisher
- g. Small round electrical outlet for trailer lights and brakes
- h. NO AIR BRAKE LINES for a trailer on rear
- i. Frame mount tow hooks on all 4 corners

The proposed vehicle fully meets the above requirements: Yes _____ No _____

5. Safety / Electrical

- a. Horns: Electric and Single Trumpet Air
- b. Large heated mirrors with convex blind spot (foldable)
- c. Windshield Wipers: High / Low with Intermittent controls
- d. Brakes: Automatic slack adjusters front and rear
- e. Daytime Running Lights
- f. Hand Throttle: Electronically controlled through cruise control while PTO is engaged
- g. Engine Protection System: Engine shut down for High temp, low oil pressure, or extreme exhaust temp.
- h. High mount tail/brake lights on dump body
- i. 4 corner LED strobe light kit – Rear to be installed on dump body below tail lights, front to be installed in head lights or head ache rack.

The proposed vehicle fully meets the above requirements: Yes _____ No _____

6. Final Delivery

- a. Delivery of Complete unit shall be F.O.B. to Lake County Fleet Maintenance Garage, 20423 Independence Boulevard, Groveland, FL 34736

The vendor will meet the above requirement: Yes _____ No _____

7. Service Manuals and Warranty

- a. Provide Complete Literature and Specifications
- b. Provide user training as required
- c. Provide two (2) Complete Parts and Service Manuals
- d. Provide two (2) Complete Operator's Manuals
- e. Provide two (2) Complete Sets of Keys

The vendor will meet the above requirement: Yes _____ No _____